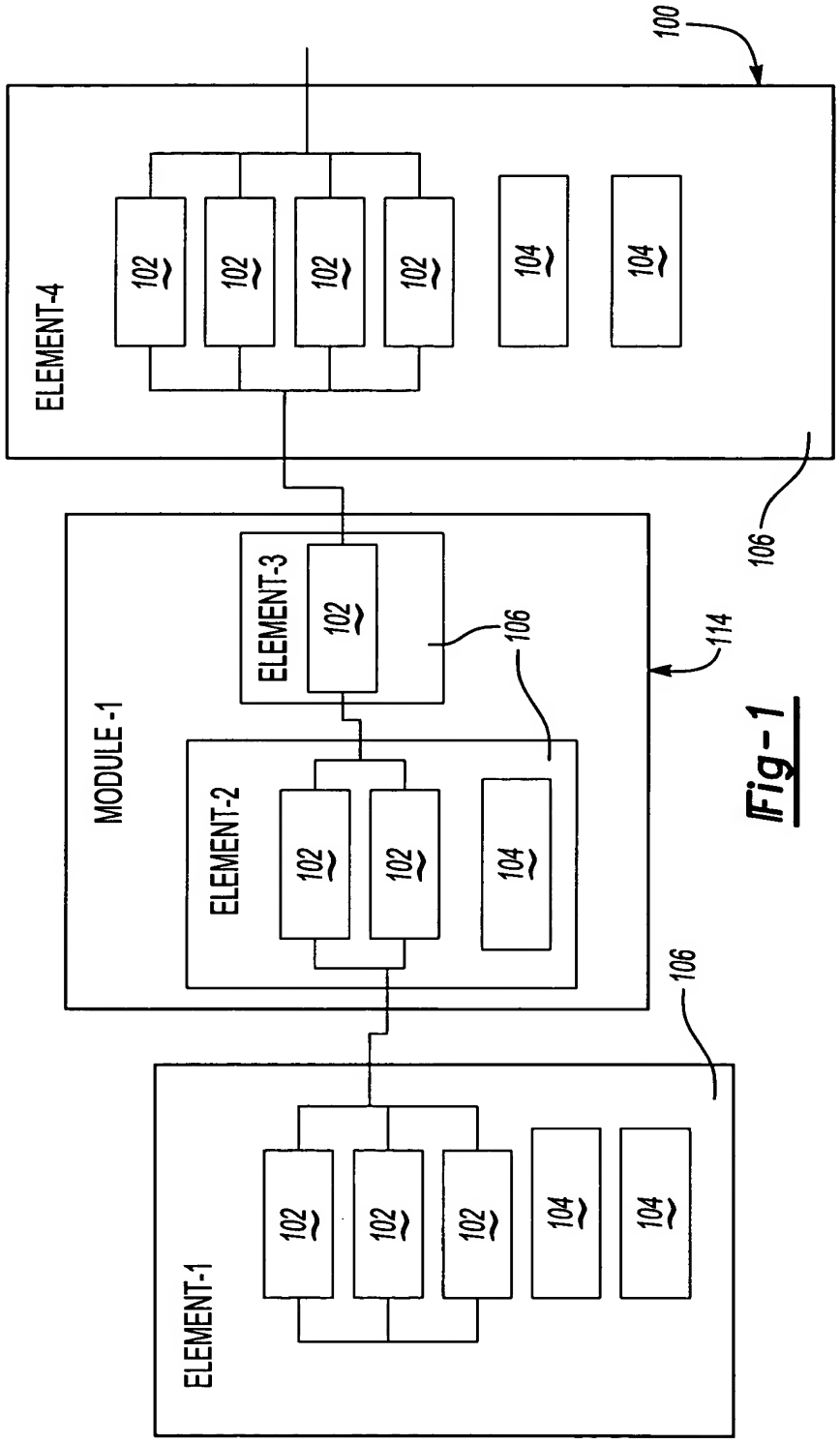
100
ELEMENT-4
102
102
102
102
104
104
106
MODULE-1
ELEMENT-3
102
106
114
ELEMENT-2
102
102
104
106
ELEMENT-1
102
102
102
104
104

Fig-1

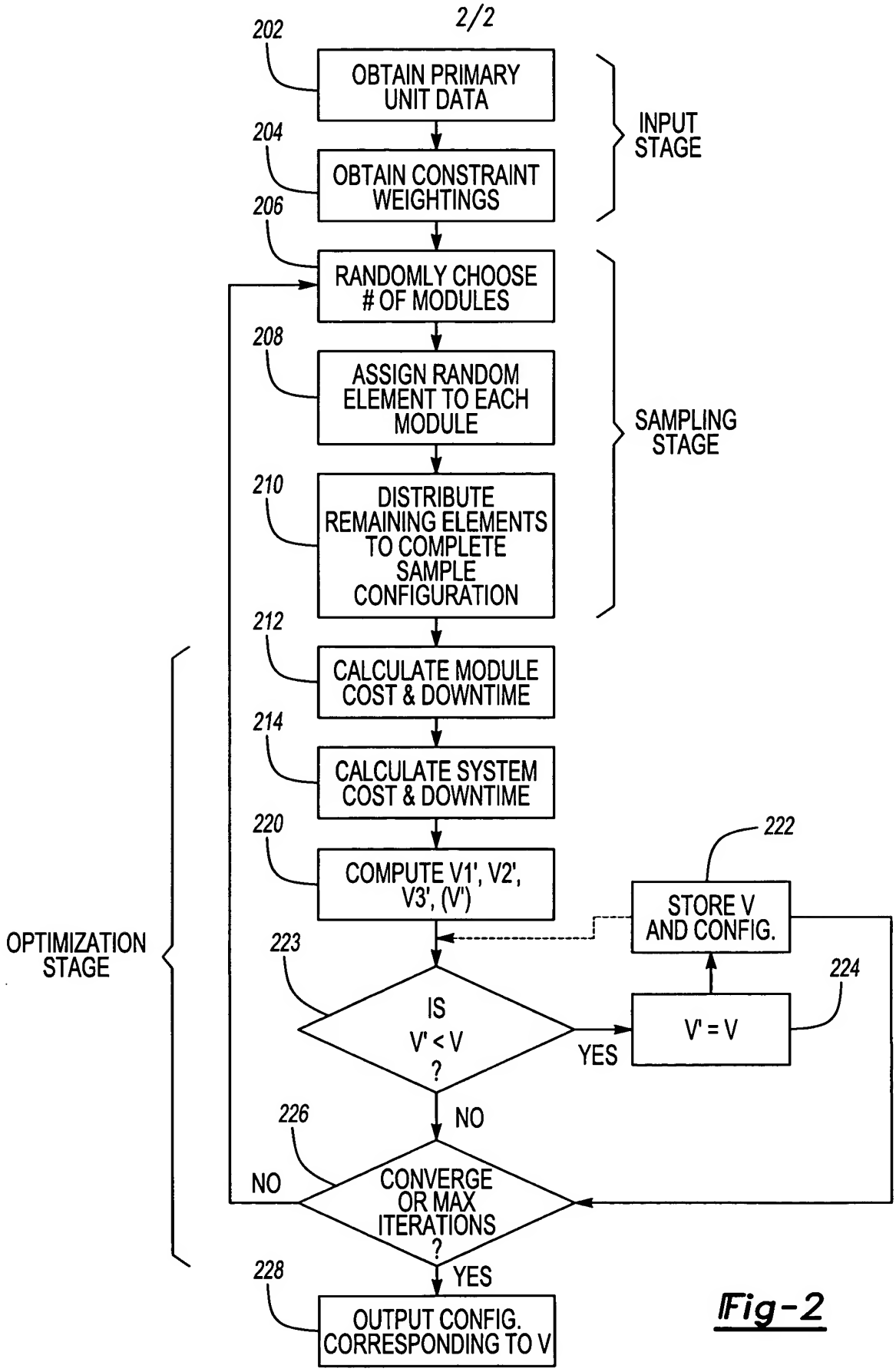
202
OBTAIN PRIMARY UNIT DATA
204
OBTAIN CONSTRAINT WEIGHTINGS
INPUT STAGE
206
RANDOMLY CHOOSE # OF MODULES
208
ASSIGN RANDOM ELEMENT TO EACH MODULE
210
DISTRIBUTE REMAINING ELEMENTS TO COMPLETE SAMPLE CONFIGURATION
SAMPLING STAGE
212
CALCULATE MODULE COST & DOWNTIME
214
CALCULATE SYSTEM COST & DOWNTIME
220
COMPUTE V1', V2', V3', (V')
222
STORE V AND CONFIG.
OPTIMIZATION STAGE
223
IS V' < V ?
YES
224
V' = V
NO
226
CONVERGE OR MAX ITERATIONS ?
NO
YES
228
OUTPUT CONFIG. CORRESPONDING TO V

Fig-2